CyberPower®
Reliability. Quality. Value.

Backup UPS BS Series

BS450/650/850ELCD

Our **Backup UPS Systems BS Series** mark a continuation in the tradition of excellence, our engineering team has achieved. They sacrifice neither features nor power to achieve their compact size, and mark the right choice for a Home or SOHO application environment. They are designed for customers who value versatility, manageability and performance on a compact and amazingly lightweight platform!

These series have been developed on an all new High Frequency Inverter and High Efficiency Charger, Energy-Saving hardware platform designed to meet virtually all of today's Home/SOHO needs, thereby reducing your dependence on multiple systems. With 3-main battery & surge backed outlets as well as 3-surge backed outlets, enhanced safety features and a highly controlled operation, you can go ahead and connect onto them your most precious electronic devices and your emergency running systems, being ready in case of a power outage!

Unique features within these models make them easy to use and manage, protecting your investment for many years to come! From functionality down to aesthetic details, our **Backup UPS BS Series** give and overall high-tech impression, and we are proud to recommend them to you!

-- Energy Saving GreenPower UPS™ Technology

-- High Frequency Inerter and High Efficiency Charger Technology for Energy Efficiency and Longer Battery Runtime

-- CPU based full Digital Control

-- EMI, RFI, Surge & Lightning Spike Protection

-- Phone, Fax, Modem, DSL, & Network Protection

-- LCD-based multi-function Status Monitor

-- Elaborate Power Management Software Included

-- We offer 25,000.- EUR Connected Equipment Life Time Guarantee

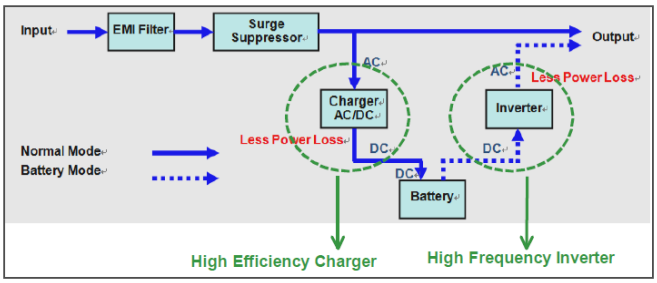
-- Auto-Restart, Auto-Charge, & Scheduled Shutdown Function

-- Connection to PC via USB port

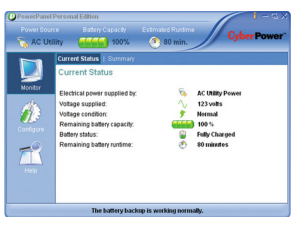
-- Horizontal or Wall-Mount Usage & Easy Serviceability

-- Cable Management Included

-- Compact Lightweight Design and High Reliability, with Great Performance Output



PowerPanel® Personal Edition Management S/W



AUTO-SHUTDOWN SOFTWARE
CyberPower PowerPanel® Personal Edition Management Software, is Compatible with Windows VISTA, XP, 2000 Pro., ME, 98, Windows Server 2003, Windows 7, Mac and Linux.

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Backup UPS BS Series
BS450/650/850ELCD

CAPACITY & RUN-TIME:
• **BS450ELCD:** 450VA or 270W. **BS650ELCD:** 650VA or 390W. **BS850ELCD:** 850VA or 510W
• TYPICAL RUNTIME: **BS450ELCD:** 15 min. **BS650ELCD:** 25 min. **BS850ELCD:** 36 min

LCD DISPLAY:
• Used to display detailed information on the UPS status, (Line / Battery Mode), and current power conditions.
• Displays 5 different Information blocks including: Output Voltage Level, Estimated Run-Time based on Actual Load, Load Capacity, Battery Capacity, and Input Voltage Level.
• LCD Icons: Normal mode Icon, Battery mode Icon, System Overload Icon, Silent mode Icon, and System Fault Icon

INPUT POWER:
• Voltage Range: 192V ~ 263V
• Frequency Range: 50Hz / 60 Hz (+/- 3Hz) auto-sensing

OUTPUT POWER:
• On Battery Output Voltage: Simulated Sine-Wave at 230V (+/- 10%)
• On Battery Output Frequency: 50Hz / 60 Hz (+/- 1%)
• Typical Transfer Time: 4ms
• Overload Protection Scheme: On Main Power by *Circuit Breaker*, and on Battery Power by *Internal Current Limiting*
• Surge/Lightning Protection: 405 Joules (L-N)

BATTERY INFORMATION:
• Sealed Maintenance-Free Lead-Acid Batteries, Easily Replaceable by User
• **BS450ELCD:** 12V, 4.5 AH x 1. **B6S50ELCD:** 12V, 7 AH x 1. **BS850ELCD:** 12V, 8.5 AH x 1
• Typical Recharge Time: 8 Hours

STATUS INDICATORS:
•Multi-function LCD Display
•Power-On LED
• Audio Alarms: Overload & Fault (constant tone), On-Battery (beep twice every 30 sec), & Low-Battery (rapid beeping)

RECEPTACLES & CONNECTORS:
• Six Plugs - (Schuko or other types) -Three for Battery Backup & Surge, and Three only for Surge Protection
•RJ11/RJ45 Input/Output for Surge Protection
•USB Connector to Computer

MANAGEMENT & CONTROL:
• Manual Self-Test
• Auto Re-Charge
• Auto Re-Start
• Scheduled Shutdown Function
• Power Panel® Personal Edition elaborate software for PC connectivity and Management Control
•Cable Management/Collector build-in

PHYSICAL INFORMATION:
•Dimensions: 271 (L) x 160.7 (W) x 114 (H) mm
•Weight: **BS450ELCD:** 3.1kg. **BS650ELCD:** 3.8kg. **BS850ELCD:** 4.3kg
•Storage Temperature: -15ºC ~ +45ºC
•Operating Temperature: 0ºC ~ 40ºC
•Operating Humidity: 0%~95% non-condensed

Safety/EMC:
•CE / EN62040-1-1 and directive 2006/95/EC (73/23/EEC & 93/68/EEC)
• EN62040 cat. C1 and directive 2004/108/EC

DISTRIBUTED BY:

CyberPower's Manufacturing Facilities are **ISO 9001:2000**, **ISO 14000,** and **QC080000** Approved

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